

<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	10/612,953	TAKETSUGU, MASANORI	
	Examiner	Art Unit	
	Dominic E. Rego	2618	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/13/2006.
2. ☒ The allowed claim(s) is/are 14-26.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>11/22/2006</u>.</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
|---|--|

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Justin M. Sobaje on 11/22/2004.

The application has been amended as follows:

Cancel claim 27.

***Allowable Subject Matter***

2. Claims 14-26 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claims 14,18,20,24, and 26, the prior art of record, specifically Crosbie teaches a wireless access system, comprising

a gateway for receiving a wireless control signal (*Figure 1, element 22, a gateway for receiving a wireless control signal from base station 24*) to be transmitted to external equipment (*Figure 1, elements 44-1 and 44-2*) located beyond the gateway (*Paragraph 0028, line 27-32*);

a wireless base station for transferring the wireless control signal to the gateway (*Figure 1, a wireless base station 24 for transferring the wireless control signal to the gateway 22*);

a mobile terminal for transmitting the wireless control signal to the wireless base station (*Figure 1, a mobile terminal 28-1 to 28-3 for transmitting the wireless control signal to the wireless base station 24*); and

an access network control station for determining whether or not the mobile terminal is allowed to communicate with the external equipment (*Figure 4, element 72 is an access network control station for determining whether or not the mobile terminal 28-1 to 28-3 is allowed to communicate with the external equipment 44-1 to 44-2 if the device ID 76 and context information 56 match with the mobile terminal; Paragraph 0040*);

wherein the gateway is configured to transfer the wireless control signal to the access network control station in a case where the gateway has determined that the mobile terminal has not been allowed to communicate with the external equipment by the access network control station (*Figure 4, gateway server 22 is configured to transfer the wireless control signal to access network control station 72 for matching, etc. IP address; Paragraph 0040*);

wherein the access network control station is configured to instruct the gateway to allow the mobile terminal to communicate with the external equipment in a case where the access network control station has determined that the mobile terminal is allowed to communicate with the external equipment (*Figure 4, when the device ID 76 and context information 56 are matched with the mobile terminal, device database 72 which same as access network control station instruct the gateway's processor 70 to allow the mobile terminal 40-1 to 40-3 to communicate with the external equipment*);

However, none of the prior art cited alone or in combination provides the motivation to teach wherein the gateway is configured to transfer the wireless control signal to the external equipment in a case where the gateway has determined that the mobile terminal has been allowed to communicate with the external equipment by the access network control station;

wherein the gateway is configured to instruct the wireless base station to establish a dedicated channel between the mobile terminal and the gateway to transfer the wireless control signal to the external equipment after the access network control station instructs the gateway to allow the mobile terminal to communicate with the external equipment;

wherein the gateway is configured to determine whether or not the mobile terminal has been allowed to communicate with the external equipment by the access network control station based on a communication channel used for the wireless control signal; and

wherein the gateway is configured to determine that the mobile terminal has not been allowed to communicate with the external equipment by the access network control station in a case where the communication channel used for the wireless control signal is not the dedicated channel.

Dependent claims 15-17, 19, 21-23, and 25 are allowed for the same reason.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dominic E. Rego whose telephone number is 571-272-8132. The examiner can normally be reached on Monday-Friday, 8:30 am-5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Dominic E. Rego

 12/07/06

QUOCHIEN D. VUONG  
PRIMARY EXAMINER